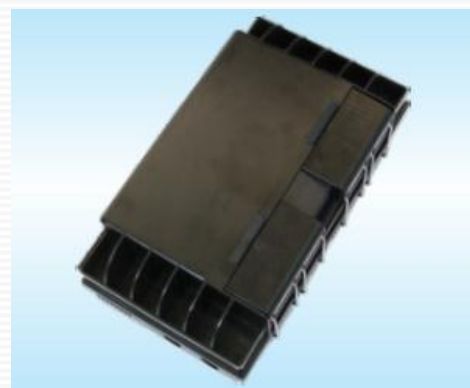# GJS-2019 In-line Closure

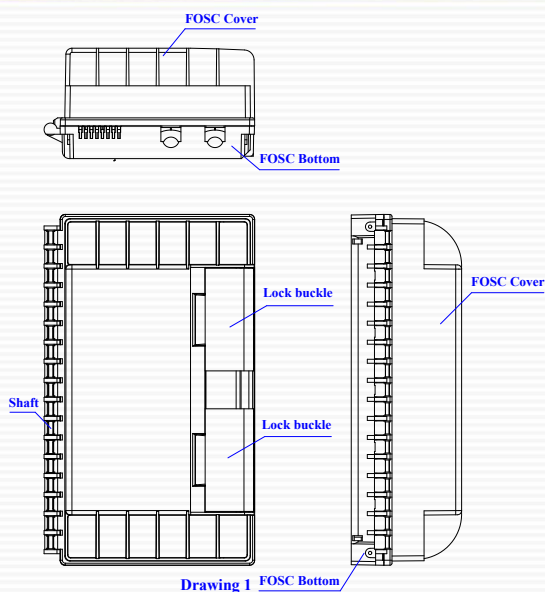## FOSC GJS-2019 Serial Fiber Distribution Box

GJS-2019 is a subscriber optical fiber access box that is used to build at the first layer in the FTTH networks. It is designed for in-line application to provide a protected access point between the feeder cable the distribution cable. This product can keep internal components away from outdoor environmental damage. Its flexible configuration supports 2 cable in and 2 cable out. 900um pigtail type optical splitter could be built-in and provide mid-span function. IP65 performance is useful in harsh environment. The GJS-2019 series are suitable for the application on LCP in the distributed split PON architecture。

Features

* In-line application and easy to installation
* Outdoor application and good UV resistant
* Numerous splice applications as mid-span, branch or direct splice
* Support micro-splitter with splicing type
* 1x2, 1x4, 1x8 splitter (900um pigtail type) could be configured inside
* High strength material with good weather fastness, fame retardant
* Support ADSS cable and self-support fiber cable
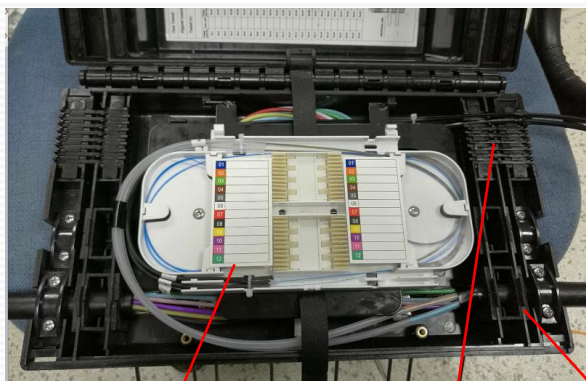* Protection grade: IP65

Specification

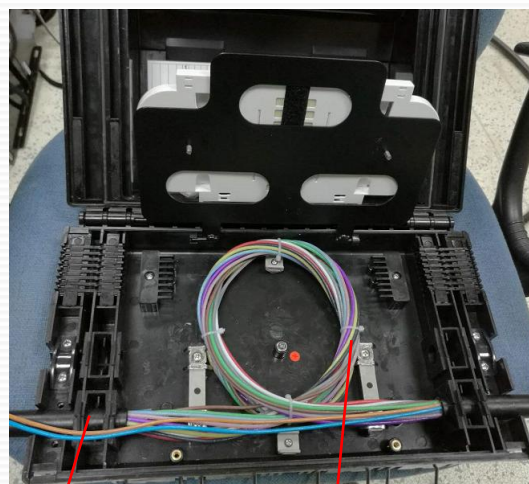| Item	Parameter
Weight	1.8~2.2kg
Dimension	350x210x110mm
Splice capacity	Maximum 144F
Splicing Tray	24F x 6 pcs
Number of splitter	6 slots for micro splitter(1:2,1:4,1:8)
Protection level	IP65
Diameter of feeder cable	Max Φ16mm
Entrance number of feeder cable	4 main hole
Outlet number of drop cable	8 port for each side
Operating Temperature	-40~+65℃

Product Detail

First layer

Second layer
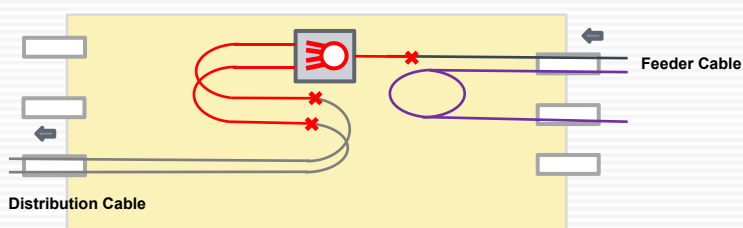

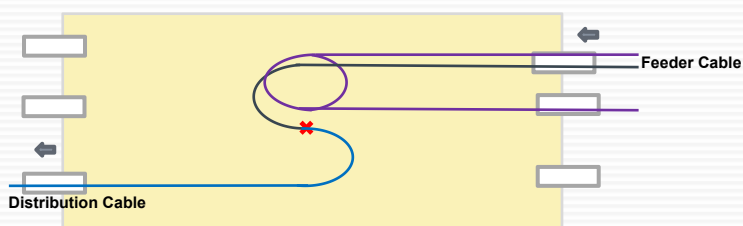Splice slot   Drop cable outlet   Feeder Cable entrance   Cable wiring

Cable route

FDP420D is designed to support 900um pigtail splitter, as straight joint closure and branch joint closure.

Type 1 box splitter through

Feeder Cable

Distribution Cable

For 900um pigtail splitter type box, the feeder fiber is spliced to the input fiber of the splitter and the distribution fiber is spliced to the output fiber of splitter.

Type 2 straight joint closure and branch joint closure

Feeder Cable

Distribution Cable

FDP420D is as straight joint closure and branch joint closure.

GJS-2019 In-line Closure

Main components

No.	Name of components	Quantity	Usage	Remarks
1	FOSC housing	1 set	Protecting fiber cable splices in whole	Inside dimension (L×W×H): 249×182×104mm
2	Splice tray	6 pcs	Fixing heat shrinkable protective sleeve and holding fibers	Suitable for: Bunchy: 72-144 cores
3	Sealing Fitting	4 sets	Protect to waterproof	
4	Earthing deriving device	1 set	Deriving metallic parts of fiber cables in FOSC for earthing connection	Configuration as per requirement

Main accessories and special tools

No.	Name of accessories	Quantity	Usage	Remarks
1	Heat shrinkable protective sleeve		Protecting fiber splices	Configuration as per capacity
2	Nylon tie		Fixing fiber with protective coat	Configuration as per capacity
3	Earthing wire	1 piece	Putting through between earthing devices	
4	Sandpaper	1 set	Burnish fiber cable	
5	Labeling paper	1 piece	Labeling fibers	
6	Hanging hook	1 set	For aerial mounting use	
7	Buffer tube	decided by customers	Hitched to fibers and fixed with FOST, managing buffer.	Configuration as per requirement
8	Desiccant	2 bag	Put into FOSC before sealing for desiccating air	

Cable tie

Function: Fixing loose tubes in cables

Fiber protecting tube

Function: Protecting bare fiber

Splice Protective Sleeve

Function: Splicing fiber protection

Hose clamp

Function: Fasten cable